Rec'd PCT/PTO 22 JUL 2004

Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD 10/502233 Effective October 1, 2003 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE ____ OF. SMALL ENTITY **TOTAL CLAIMS** arrended RATE FEE RATE FEE FOR NUMBER EXTRA BASIC FEE OR BASIC FEE NUMBER FILED 920 TOTAL CHARGEABLE CLAIMS minus 20= XS 9= XS18= OR INDEPENDENT CLAIMS minus 3 = X43= X86= OR MULTIPLE DEPENDENT CLAIM PRESENT -145= -290= OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL he Andr CLAIMS AS AMENDED - PART II OTHER THAN 07/22/04 (Column 1) SMALL ENTITY OR SMALL ENTITY (Column 2) (Column 3) CLAIMS HIGHEST ADDI-REMAINING ADDI-NUMBER PRESENT AFTER RATE TIONAL AMENDMENT RATE TIONAL PREVIOUSLY FXTRA AMENDMENT PAID FOR FEE FEE Total 13 Minus 0 20 XS 9= XS18= OR Independent Minus X43= · X86= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +145= +290= OR OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT AMENDMENT AFTER PREVIOUSLY RATE TIONAL RATE TIONAL FYTRA AMENDMENT PAID FOR FEE FEE Total Minus XS 9= X\$18= OR Independent Minus X43= X86= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +145= +290= OR. TOTAL TOTAL OR ADDIT FEE ADDIT. FEE (Column 1) (Column 3). (Column 2) CLAIMS HIGHEST REMAINING ADDI-NUMBER ADDI-PRESENT ENDMENT AFTER **PREVIOUSLY** RATE TIONAL RATE **EXTRA** TIONAL **AMENDMENT** PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus X43= X86= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +145= +290= OR If the entry in column 1 is less than the entry in column 2, write "0" in column 3. TOTAL TOTAL "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." OR ADDIT. FEE "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.